RECEIVED CENTRAL FAX CENTER

JUL 19 2007

IN THE CLAIMS:

Listing of Claims:

- 1 Claim 1. (currently canceled)
- 1 Claim 2. (currently canceled)
- 1 Claim 3. (canceled)
- 1 Claim 4. (currently canceled)
- 1 Claim 5. (currently canceled)
- 1 Claim 6. (currently canceled)
- 1 Claim 7. (currently canceled)
- 1 Claim 8. (currently canceled)
- 1 Claim 9. (currently canceled)
- 1 Claim 10. (previously presented) A direction-finding method comprising the steps of:
- establishing a cross-over position point, said cross-over point defined as the
- 3 intersection between LOBs generated by at least two receiver receiving incident
- 4 electronic signal;
- 5 relocating one said receiver to a new receiver spacial location;
- said receiver at said new receiver position receiving a transmission from a
- 7 transmitter at a transmitter position;
- 8 determining a real-time line of bearing from said receiver at said new receiver
- 9 position to said transmitter;
- 10 generating a connecting vector from said real-time line of bearing to said cross-
- 11 over position point; and

- identifying a real-time position of said transmitter along said connecting vector;
- displaying said real-time position on a user display panel; and
- generating and displaying an probability overlay map responsive to said real-time
- 15 position and a quality factor on said user display panel.
- 1 Claim 11. (original) The method of Claim 10, wherein said identifying step further
- 2 comprises assigning a probability factor to said real-time position of said transmitter
- 3 responsive to said quality factor and said probability overlay map generating and
- 4 displaying is responsive to said probability factor.
- 1 Claim 12. (original) The method of Claim 11, further comprising a repeating step to
- 2 repeat said relocating, receiving, determining, generating, identifying, displaying and
- 3 generating steps until said probability factor exceeds a predetermined threshold value.
- 1 Claim 13. (original) The method of Claim 11, further comprising a repeating step to
- 2 repeat said relocating, receiving, determining, generating, identifying, displaying and
- 3 generating steps until said probability factor meets a user-defined threshold value.
- 1 Claim 14. (original) The method of Claim 11, further comprising a repeating step to
- 2 repeat said relocating, receiving, determining, generating, identifying, displaying and
- 3 generating steps until a user terminates said direction finding method.